

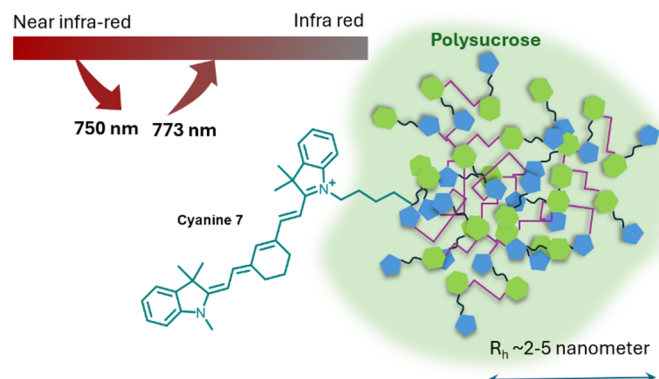
Cyanine 7 Polysucrose-400

Lyophilized powder
≥99% conjugates by SEC HPLC

Product Number: **CM62105**

Product Description

CellMosaic is now offering polysucrose which are fluorescently labeled with near IR dyes. Polysucrose is a synthetic, water-soluble polymeric form of sucrose, available in a range of molecular weights from tens of kilodaltons (kDa) to 1000 kDa and available as purified fractions across various molecular weight ranges.



Application Areas

- Permeability studies, Cell Tracking, Drug Delivery studies, Tissue Engineering.

Key Features of this Cyanine 7 Polysucrose-400 Conjugate

- Lyophilized powder ready to use
- Stable bond conjugation with dye molecule
- Purified material with no detectable free dye
- Soluble in water or aqueous buffer.
- $\lambda_{\text{excitation}} = 750 \text{ nm}$, $\lambda_{\text{emission}} = 773 \text{ nm}$
- Polysucrose 400 has a molecular weight of 300,000–550,000 g/mol
- **Structure:** Branched molecules with many hydroxyl groups